

Human Interleukin 17 (IL17) CLIA Kit | IL17 clia kit

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CATALOG # AAA188809	REACTIVITY Human	APPLICATIONS CLIA (Chemiluminescence Immunoassay)
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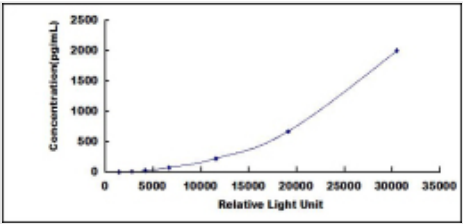
PRODUCT SYNONYMS

Interleukin 17 (IL17); Human Interleukin 17 (IL17) CLIA Kit; Interleukin 17; IL17A; CTLA8; IL-17A; Cytotoxic T-Lymphocyte-Associated Protein 8; IL17 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Interleukin 17 (IL17). No significant cross-reactivity or interference between Interleukin 17 (IL17) and analogues was observed.
Sequence Length	155
Assay Type	Double-antibody Sandwich
Samples	Serum, plasma and other biological fluids.
Detection Range	2.74-2,000pg/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 1.14pg/mL
Applicable Applications for IL17 clia kit	CLIA (Chemiluminescence Immunoassay)
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Interleukin 17 (IL17) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Interleukin 17 (IL17) were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100 Intra-Assay: CV<10% Inter-Assay: CV<12%
Test Principle	The microplate provided in this kit has been pre-coated with an antibody specific to Interleukin 17 (IL17). Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to Interleukin 17 (IL17). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Interleukin 17 (IL17) level in the sample or standard.
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504651
NCBI GeneID	3605
NCBI Accession #	NP_002181.1
NCBI GenBank Nucleotide #	NP_002181.1
UniProt Accession #	Q16552
NCBI Official Full Name	interleukin-17A
NCBI Official Synonym Full Names	interleukin 17A
NCBI Official Symbol	IL17A
NCBI Official Synonym Symbols	IL17; CTLA8; IL-17; CTLA-8; IL-17A
NCBI Protein Information	interleukin-17A
UniProt Protein Name	Interleukin-17A
UniProt Gene Name	IL17A
UniProt Synonym Gene Names	CTLA8; IL17; IL-17; IL-17A; CTLA-8
UniProt Entry Name	IL17_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/human-clia-kits/interleukin-17-il17/188809>